

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket No.

BIO-001

Serial No.

09/019,453

Applicant

Shlomo Ben-Haim et al.

Filing Date

February 5, 1998

Group Art Unit

3763



U.S. PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|--------------|-------|--------------|-----------|
| | 4,296,100 | 10/20/81 | Franco | 424 | 108 | 6/30/80 |
| | 4,332,893 | 6/1/82 | Rosenberg | 435 | 68 | 6/13/80 |
| | 4,353,888 | 10/12/82 | Sefton | 424 | 25 | 12/23/80 |
| | 4,378,347 | 3/29/83 | Franco | 424 | 108 | 6/18/81 |
| | 4,503,038 | 3/5/85 | Banda et al. | 424 | 95 | 2/25/83 |
| | 4,578,061 | 3/25/86 | Lemelson | 604 | 164 | 7/31/84 |
| | 4,588,395 | 5/13/86 | Lemelson | 604 | 59 | 10/28/80 |
| | 4,636,195 | 1/13/87 | Wolinsky | 604 | 53 | 4/4/85 |
| | 4,668,226 | 5/26/87 | Omata et al. | 604 | 272 | 10/2/85 |

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| | | | | | | Yes | No |
| | WO 94/11506 | 5/26/94 | PCT | C12N | 15/12 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 95/01138 | 1/12/95 | PCT | A61F | 2/06 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 95/25807 | 9/28/95 | PCT | C12N | 15/86 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 95/29993 | 11/9/95 | PCT | C12N | 5/10 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 96/05768 | 2/29/96 | PCT | A61B | 5/06 | <input type="checkbox"/> | <input type="checkbox"/> |

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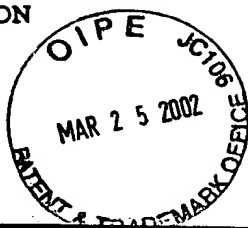
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| | 4,698,301 | 10/6/87 | Weiss et al. | 435 | 41 | 11/29/83 |
| | 4,699,788 | 10/13/87 | Catsimpoilas et al. | 424 | 104 | 8/20/84 |
| | 4,721,672 | 1/26/88 | Vallee et al. | 435 | 70 | 9/20/85 |
| | 4,769,362 | 9/6/88 | Catsimpoilas et al. | 514 | 25 | 4/14/86 |
| | 4,778,787 | 10/18/88 | Catsimpoilas et al. | 514 | 25 | 12/20/85 |
| | 4,824,436 | 4/25/89 | Wolinsky | 604 | 53 | 4/21/87 |
| | 4,871,356 | 10/3/89 | Haindl et al. | 604 | 247 | 5/17/88 |
| | 4,874,746 | 10/17/89 | Antoniades et al. | 514 | 21 | 12/22/87 |
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| | WO 96/18303 | 6/20/96 | PCT | A01N | 63/00 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 96/26742 | 9/6/96 | PCT | A61K | 48/00 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 96/39830 | 12/19/96 | PCT | A01N | 43/04 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 97/11720 | 4/3/97 | PCT | A61K | 48/00 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 97/14307 | 4/24/97 | PCT | A01N | 43/04 | <input type="checkbox"/> | <input type="checkbox"/> |

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| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION  | Docket No. BIO-001 | Serial No. 09/019,453 |
| | Applicant Shlomo Ben-Haim et al. | |
| | Filing Date February 5, 1998 | Group Art Unit 3763 |

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| | 4,888,324 | 12/19/89 | Catsimpooolas et al. | 514 | 25 | 12/2/87 |
| | 4,891,225 | 1/2/90 | Langer et al. | 424 | 428 | 1/21/86 |
| | 4,895,838 | 1/23/90 | Mccluer et al. | 514 | 54 | 3/9/88 |
| | 4,900,673 | 2/13/90 | Harper et al. | 435 | 199 | 3/28/88 |
| | 4,916,073 | 4/10/90 | Vallee et al. | 435 | 252.3 | 12/1/88 |
| | 4,921,482 | 5/1/90 | Hammerslag et al. | 604 | 95 | 1/9/89 |
| | 4,940,730 | 7/10/90 | Wakamatsu et al. | 514 | 560 | 10/3/88 |
| | 4,966,847 | 10/30/90 | Stacey et al. | 435 | 172.3 | 7/27/87 |
| | 5,026,839 | 6/25/91 | Moscattelli et al. | 536 | 27 | 4/5/90 |

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| | WO 97/24981 | 7/17/97 | PCT | A61B | 5/0215 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 97/32990 | 9/12/97 | PCT | C12N | 15/86 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 97/47253 | 12/18/97 | PCT | A61B | 19/00 | <input type="checkbox"/> | <input type="checkbox"/> |
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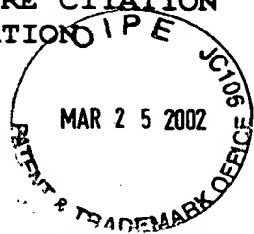
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| | 5,073,492 | 12/17/91 | Chen et al. | 435 | 240.2 | 1/9/87 |
| | 5,112,946 | 5/12/92 | Malone | 530 | 324 | 7/6/89 |
| | 5,194,596 | 3/16/93 | Tischer et al. | 530 | 399 | 12/14/89 |
| | 5,195,968 | 3/23/93 | Lundquist et al. | 604 | 95 | 7/17/92 |
| | 5,219,739 | 6/15/93 | Tischer et al. | 435 | 69.4 | 7/27/90 |
| | 5,244,460 | 9/14/93 | Unger et al. | 604 | 53 | 11/27/91 |
| | 5,310,883 | 5/10/94 | Seddon et al. | 530 | 399 | 11/4/91 |
| | 5,318,957 | 6/7/94 | Cid et al. | 514 | 8 | 9/2/92 |
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| | WO 98/07878 | 2/26/98 | PCT | C12N | 15/86 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 98/10085 | 3/12/98 | PCT | C12N | 15/86 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 98/15575 | 4/16/98 | PCT | C07K | 14/47 | <input type="checkbox"/> | <input type="checkbox"/> |
| | WO 99/10014 | 3/4/99 | PCT | A61K | 48/00 | <input type="checkbox"/> | <input type="checkbox"/> |
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| | 5,368,564 | 11/29/94 | Savage | 604 | 95 | 12/23/92 |
| | 5,368,592 | 11/29/94 | Stern et al. | 606 | 33 | 9/23/93 |
| | 5,383,923 | 1/24/95 | Webster, Jr. | 607 | 125 | 5/11/93 |
| | 5,385,148 | 1/31/95 | Lesh et al. | 128 | 662.06 | 7/30/93 |
| | 5,404,297 | 4/4/95 | Birk et al. | 362 | 421 | 1/21/94 |
| | 5,431,168 | 7/11/95 | Webster, Jr. | 128 | 658 | 8/23/93 |
| | 5,466,596 | 11/14/95 | Breitman et al. | 435 | 240.2 | 8/25/92 |
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| | EP 0 710 657 A1 | 8/5/96 | EPO with English abstract | C07D | 263/24 | <input type="checkbox"/> | <input type="checkbox"/> |
| | O 618 225 A1 | 3/21/94 | EPO with English abstract | C07K | 5/06 | <input type="checkbox"/> | <input type="checkbox"/> |

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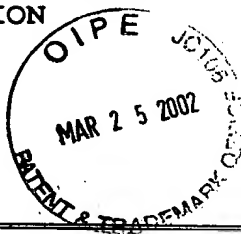
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| | 5,568,809 | 10/29/96 | Ben-Haim | 128 | 656 | 7/12/95 |
| | 5,580,859 | 12/3/96 | Felgner et al. | 514 | 44 | 3/18/94 |
| | 5,587,383 | 12/24/96 | Takatani et al. | 514 | 300 | 2/10/95 |
| | 5,588,432 | 12/31/96 | Crowley | 128 | 660.03 | 7/10/95 |
| | 5,602,301 | 2/11/97 | Field | 800 | 2 | 11/16/94 |
| | 5,607,918 | 3/4/97 | Eriksson et al. | 514 | 12 | 6/6/95 |
| | 5,641,743 | 6/24/97 | Bohlen et al. | 514 | 2 | 5/26/95 |
| | 5,641,756 | 6/24/97 | Robinson | 514 | 44 | 12/8/95 |
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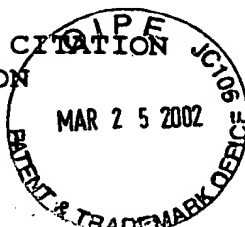
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| | 5,707,969 | 1/13/98 | Nabel et al. | 514 | 44 | 6/7/95 |
| | 5,733,727 | 3/31/98 | Field | 435 | 6 | 6/7/95 |
| | 5,780,052 | 7/14/98 | Khaw et al. | 424 | 450 | 4/24/95 |
| | 5,785,965 | 7/28/98 | Pratt et al. | 424 | 93.21 | 5/15/96 |

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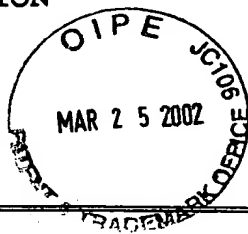
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| | 5,797,870 | 8/25/98 | March et al. | 604 | 49 | 6/7/95 |
| | 5,807,556 | 9/15/98 | Mannion et al. | 424 | 198.1 | 7/18/96 |
| | 5,830,879 | 11/3/98 | Isner | 514 | 44 | 10/2/95 |
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| | 5,843,742 | 12/1/98 | Natsoulis et al. | 435 | 172.3 | 9/8/95 |
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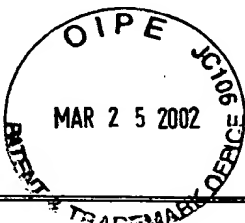
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| | | | | 424 | 198.1 | 7/18/96 |
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| | | | | 604 | 53 | 6/7/95 |
| | | | | 435 | 172.3 | 9/8/95 |
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